

William Metzger  
2448 Maryland  
Northwood, OH 43619

17 February 1993

FEB 23 1993

The Honorable Marcy Kaptur  
United States House of Representatives  
Washington, DC 20515

Re: Federal Communications Commission  
Proposed Rule Docket 92-235 [PR 92-235]

Dear Congresswoman Kaptur:

I have been interested in aviation for as long as I can remember. I



lengths to assure the safety of the pilots and bystanders, and, protection of property. Many of our safety precautions involve the careful coordination and use of the radio control frequencies. Any reduction of the available frequencies or subsequent band congestion will severely reduce the margin of safety and be extremely prejudicial to model aviation.

Please understand that many model airplanes have wing spans of 7 to 10 feet and may weigh upwards of 40 pounds. The models are expensive to build; more to the point, they are capable of causing both property damage and personal injury, and, even death if radio interference causes the pilot to lose control of the aircraft. We often fly our models at organized events where it is not unusual to have several hundred spectators. We need our full compliment of R/C frequencies in order to assure a safe flying environment.

I believe it is unwise for the FCC to seek to modify the operating frequencies for the benefit of land mobile radio users at the expense of radio control modelers. The FCC may not think that we are as important as commercial users, but we have a considerable investment in our models and our radio equipment. Moreover, the intended equipment in the 72 MHz band that the FCC envisions being used is not

The Honorable Marcy Kaptur  
234 Summit Street  
Toledo, Ohio 43604

February 9, 1993

Dear Representative Kaptur,

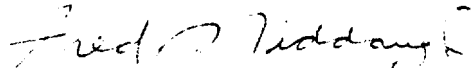
I have been interested in aviation for as long as I can remember. I am very active in a local club whose members enjoy constructing and operating radio controlled model airplanes.

The FCC has proposed rules which if adopted will reduce the usability of frequencies currently assigned for model use and increase the risk of accidents and liability for controlling model airplanes. (PR Docket 92-235)

I am told that of the 50 frequencies that are presently available for radio control of model airplanes, only 19 frequencies will be left if these new rules are adopted. If the number of usable frequencies is diminished as proposed by the FCC, the remaining frequencies will become congested and the margin of safety will be greatly decreased. We often fly our models at organized events and contests where hundreds of operators participate. We need the use of our full complement of radio frequencies in order to assure a safe flying environment.

This hobby provides me with many hours of enjoyment. Thank you for your consideration of this matter.

Sincerely,

A handwritten signature in cursive script, appearing to read "Fred Middaugh".

Fred Middaugh  
524 Bruns Drive  
Rossford, Ohio 43460

**Ken Moore**  
**107 Secor Woods Lane**  
**Perrysburg, OH 43551**

17 February 1993

The Honorable Marcy Kaptur

MMND 1000

lengths to assure the safety of the pilots and bystanders, and, protection of property. Many of our safety precautions involve the careful coordination and use of the radio control frequencies. Any reduction of the available frequencies or subsequent band congestion will severely reduce the margin of safety and be extremely prejudicial to model aviation.

Please understand that many model airplanes have wing spans of 7 to 10 feet and may weigh upwards of 40 pounds. The models are expensive to build; more to the point, they are capable of causing both property

1 February, 1993

FEB 16 1993

FEB 16 1993

Dear M. S. Marcy Kaptur

This is to inform you that many of us in the radio control hobby are very upset with allowing industry to use or take away frequencies already assigned to us by the F.C.C. for many years.

These frequencies can not be shared. No two people can use the same frequency without damage or personal injury to one or both if used at the same time. If you give away my frequencies it could cost me over \$5,000.00 in unusable equipment.

I am a fifty percent disabled seventy three year old ex-fighter pilot in the R.C.A.F., U.S. Army Air Force, U.S. Air Force Air Guard and Civil pilot. I also have been building and flying model airplanes since 1927. A lifetime interest in aviation.

Please do not give away my lifetime interest in airplanes!

Respectfully,

*John D Myers*

John D. Myers

C.C. Weak Signals R.C. Club, Flying Tigers R.C. Club, Cloudbusters R.C. Club

JOHN D MYERS  
703 CLOVERDALE  
TOLEDO OH 43612

Concerning P.R. DOCKET 92 235

FEB 24 1993

Feb. 6, 1993

Dear Marcy Kaptur:

I am a 29 year old certified Auto Mechanic. This is the first time I have written a letter of this type to anyone, however I need your help in a matter which is at this time under consideration by the Federal Communications Commission (FCC). This has impact on Radio Control Frequencies.

My favorite pastime is Aircraft Model building and operations. I am a member of The Toledo

frequencies by splitting them into narrower bandwidths and rearranging the band plan. As a result, many land mobile frequencies will move closer to the radio control frequencies and cause interference to radio control operations. I am told that of the 50 frequencies that are presently available for radio control of model airplanes, only 19 frequencies will be left if these new rules are adopted.

When we fly our model airplanes under radio control?



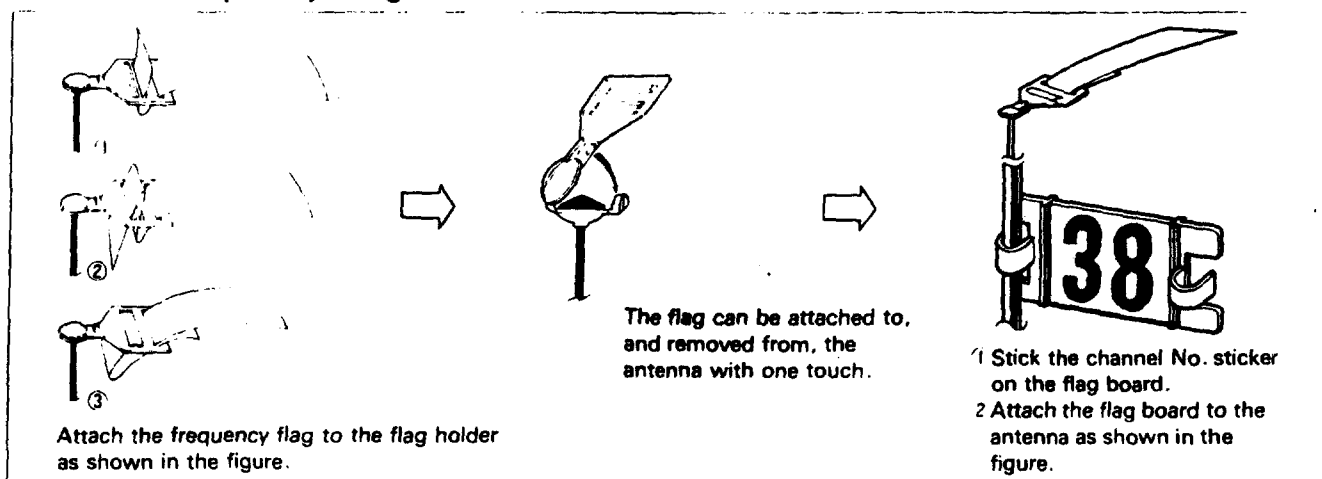
complement of radio frequencies in order to assure a safe flying environment.

Mrs. Kaptur & I have been involved in radio control airplanes since I was 14 years old. Myself and many others take great pride in our aircrafts and we have a lot of expense in them. Now the FCC seeks to improve the operating conditions of land Mobile radio users at the expense of Radio Control Modelers. The FCC may not think we are as important as business users of

## ■ Digital Proportional Frequencies (FOR U.S.A.)

- The frequency of Futaba digital proportional sets can be changed within their own band. There are 2 different bands for you to choose from (27 MHz and 72-75 MHz.) Please see chart listed below for specific frequency and its intended use. Please note there are specific frequencies allocated for aircraft only and surface only use.
- The frequency can be changed within the same BAND by using a precisely matched pair of Futaba crystals. However, Futaba recommends that you return your system to our factory service department for frequency changing, as tuning may be necessary for proper operation. Changing frequency from one band to another is NOT possible.
- Always change frequency flag when frequency is changed. The frequency flag is to be attached to the top of antenna and the channel designation to the base. (See Drawing)
- It is illegal to change crystals on 72-75 MHz bands in the U.S.A. unless performed by a licensed technician.

## ■ Antena Frequency Flag



## ■ Frequency, Channel No. , Flag Color (FOR U.S.A.)

26-27MHz-Aircraft/car/boat			72MHz-Aircraft only		
	Color				
26.995	Brown		* 72.010 11	* 72.410 31	* 72.810 51
			72.020 12	72.430 32	72.830 52

David R. Nivicki  
6011 W. Bancroft #267  
Toledo, Ohio 43615

The Honorable Nancy Kaptur  
U.S. House of Reps.  
Washington, D.C. 20515



The Honorable Marcy Kaptur  
U. S. House of Representatives  
Washington, D.C. 20510

February 2, 1993

FEB 22 1993

Danny Peper  
18231 Tuller Road  
Bowling Green, Ohio  
43402

Dear Ms. Kaptur:

I am an active model aviation club member in Napoleon, Ohio. I have been  
involved in model airplane building and flying for many years and have

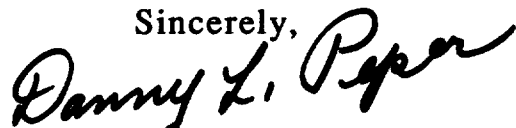
protection of property. Many of our safety precautions involve the careful coordination and controlled use of the radio control frequencies at the flying site. If the number of usable frequencies is diminished as proposed by the FCC, the remaining frequencies will become congested and the margin of safety will be greatly decreased.

Please understand that many model airplanes may have wing spans over 10 feet and may weigh up to 55 pounds. The models themselves are expensive to build; but of more concern, they are capable of causing property damage, serious injury, or even death if radio interference causes the operator to lose control of the aircraft. We often fly our models at organized events and contests where hundreds of operators participate and hundreds more may be spectators. We need the use of our full complement of radio frequencies in order to assure a safe flying environment. Also, the FCC just reorganized our frequencies only two years ago causing many of our radio units to become obsolete. Now we are being shuffled again which, may again cause radio units to become obsolete. It appears that the FCC lacks a long-term plan of operations which is constantly causing industry confusion and costly user changes and upgrades.

I do not think it is wise of the FCC to seek to improve the operating conditions of land mobile radio users at the expense of radio control modelers. The FCC may not think we are not as important as business users of radios, but we have a considerable investment in our models and in our radio equipment. The hobby provides many hours of enjoyment to thousands of people world wide, like myself, and contributes to the advancement and development of the commercial aviation industry. Additionally, there are many multi-million dollar a year businesses worldwide connected to the model radio controlled equipment industry. All of which are dependant on our ability to practice our hobby. The businesses in turn contribute to the tax revenue bases of county, state and federal governments and provide jobs for Americans.

Please help me continue the safe enjoyment of my pastime by not allowing the FCC to carry out its proposed changes to the 72-76 MHz band as proposed by FCC Notice of Proposed Rule Making Docket 92-235.

Sincerely,

A handwritten signature in cursive script that reads "Danny L. Peper".

Danny Peper  
Constituent

John J. Pollock  
4240 Burnham Ave.  
Toledo, Ohio 43612

FEB 6 1993  
FEB 3 1993

The Honorable Marcy Kaptur  
234 N. Summit St.  
Toledo, Ohio 43604

Feb. 3, 1993

Dear Madam:

I am very concerned about proposed rules that are currently under consideration by the Federal Communications Commission (FCC). The proceeding is PR Docket 92-235. If adopted, the new rules will greatly reduce the usability of frequencies currently assigned for model use and increase the risk of accidents and attendant liability for controlling model airplanes.

Our radio control frequencies are in the 72 - 76 MHz band. This band is primarily used for private land mobile dispatch operations. However, our radio control frequencies in this band are far enough apart from the land mobile frequencies that we have been able to share the band without either use interfering with the other.

Now the FCC wants to create more land mobile frequencies by splitting them into narrower bandwidths and rearranging the band plan. As a result, many land mobile frequencies will move closer to the radio control frequencies and cause interference to radio control operations. I am told that of the 50 frequencies that are presently available for radio control of model airplanes, only 19 frequencies will be left if these new rules are adopted.

When we fly our model airplanes under radio control, we go to great lengths to assure the safety of the operators and bystanders and the protection of property. Many of our safety precautions involve the careful coordination and use of the radio control frequencies. If the number of usable frequencies is diminished as proposed by the FCC, the remaining frequencies will become congested and the margin of safety will be greatly decreased.

Please understand that many model airplanes have wing spans up to 10 feet and weigh as much as 30 or 40 pounds. The models themselves are expensive to build; but more to the point, they are capable of causing property damage, serious injury, or even death if radio interference causes the operator to lose control of the craft. We often fly our models at organized events and contests where hundreds of operators participate. We need the use of our full complement of radio frequencies in order to assure a safe flying environment.

I do not think it is wise of the FCC to seek to improve the operating conditions of land mobile radio users at the expense of radio control modelers. The FCC may not think we are as important as business users of radios, but we have a considerable investment in our models and in our radio equipment. The hobby provides many hours of enjoyment to thousands of people like myself and contributes to the advancement and development of the commercial aviation industry.

Please help me continue the safe enjoyment of my pastime by not allowing the FCC to carry out its proposals for the 72-76 MHz band.

Sincerely,

*John J. Pollock*

1993  
MAR 1

David L. Pratt  
1325 Ogontz Ave.  
Toledo, Oh 43614  
March 4, 1993

The Honorable Nancy Haptur  
U.S. House of Reps.  
Washington, D.C. 20515

Dear Ms. Haptur:

I am medically disabled so  
am unable to work. However I  
do derive many hours of enjoy-  
ment from constructing and operating  
radio controlled (R/C) model air-  
planes. I have been interested in  
aviation since high school and now  
am active in a local club whose  
members build and fly R/C model

mobile frequencies that we have been able to share the band without either use interfering with the other.

Now the FCC wants to create more land mobile frequencies by splitting them into narrower bandwidths and rearranging the band plan. As a result, many land mobile frequencies will move closer to the R/C frequencies and cause interference to RC operations. I am told that of the 50 frequencies that are presently available for radio control of model airplanes, only 19 frequencies will be left if these new rules are adopted.

When we fly our model airplane in the radio control we



up to 10 feet and weigh as much as 30 or 40 pounds. The models themselves are expensive to build; but more to the point, they are capable of causing property damage, serious injury, or even death if radio interference causes the operator to lose control of the craft. We often fly our models at organized events and contests where hundreds of operators participate. We need the use of our full complement of radio frequencies in order to assure a safe flying environment.

I do not think it is wise of the FCC to seek ~~to~~ to improve the operating conditions of land mobile radio users at the ex-

the advancement and development  
of the commercial aviation  
industry.

Please help me continue the safe  
enjoyment of my pastime by not  
allowing the FCC to carry out  
its proposals for the 72-76 MHz  
band.

Sincerely,  
David L Pratt

**FEB 22 1993**

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February 12, 1993

FEB 22 1993

The Honorable Marcy Kaptur  
US House of Reps.  
Washington, D.C. 20515

Dear Mrs. Kaptur,

I am asking for your support in rejecting the FCC proposed rule change PR Docket 92-235.

This proposal would severely damage the growth of our sport/hobby, and could endanger the safety of participants and surrounding communities.

Again I ask that you reject PR Docket 92-235.

Best Regards,



Cheryl Reash  
6010 Douglas Rd.  
Toledo, OH 43613

**FEB 22 1993**

February 12, 1993

The Honorable Marcy Kaptur  
US House of Reps.  
Washington, D.C. 20515

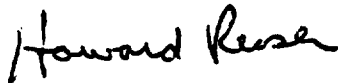
Dear Mrs. Kaptur,

I am asking for your support in rejecting the FCC proposed rule change PR Docket 92-235.

This proposal would severely damage the growth of our sport/hobby, and could endanger the safety of participants and surrounding communities.

Again I ask that you reject PR Docket 92-235.

Best Regards,



Howard Reash  
2502 Echo Rd.  
Toledo, OH 43613

February 12, 1993

**FEB 22 1993**

The Honorable Marcy Kaptur  
US House of Reps.  
Washington, D.C. 20515

Dear Mrs. Kaptur,

I am asking for your support in rejecting the FCC proposed rule change PR Docket 92-235.

This proposal would severely damage the growth of our sport/hobby, and could endanger the safety of participants and surrounding communities.

Again I ask that you reject PR Docket 92-235.

Best Regards,

*Nancy Reash*

Nancy Reash  
2502 Echo Rd.  
Toledo, OH 43613

February 15, 1993

The Honorable Marcy Kaptur  
U. S. House of representatives  
Washington D.C. 20515

**FEB 23 1993**

Subject: PR docket 92-235

Dear Ms. Kaptur:

I am writing to express my concern regarding the possible passage of the above rule concerning the addition of frequencies for mobile land service.

I am a radio controlled modeler, and I enjoy my airplanes and boats very much, getting many hours of pleasure from them. Safety is always a concern for us, because loss of control of an airplane or boat can leave it at speed, creating a potentially very dangerous situation. The thought of having uncontrolled frequencies in use so close to our own is setting the stage for the loss of an expensive plane or boat, and the very real danger of personal injury or property damage, making us vulnerable for liability damages. One of the causes of loss of control is radio interference, not from other modelers, but from sources over which we have no control.

As a member of the Flying Tigers R/C Club in Toledo, we make every effort to assure that we do not interfere with another modeler by checking our frequency control board at the field, which tells us which channels are busy, and who is using them. This helps to prevent us from trying to operate on the same channel as another flier. Interference from another close channel can occur at any time, and our best protection is to see that this possibility is prevented.

Please help me continue the safe enjoyment of my hobby by not allowing the FCC to carry out its proposal for the 72-76 MHz band.

Sincerely,



Richard M. Reder  
AMA #317162  
6115 Foxcroft Rd.  
Toledo Ohio 43615-2601  
CR39

\* RAY'S ELECTRONICS INC. \* 30 years  
\* 14250 W. BR. 105 \*  
\* OAK HARBOR OHIO 43449 \*  
\* PH. 1-419-898-0789 \*  
\* SCOTT RENZ \*  
\*

MEMBER OF THE PROFESSIONAL MOBILE RADIO SERVICE ASSOCIATION

CELLULAR-ONE MOBILE PHONES - TWO-WAY RADIOS - PAGING

FAX # 1-419-898-0808

FAX SHEET

TO : Rep. Marcy Kaptur

DATE 02-11-93

SUBJECT : Federal Communication Commission

Comments of Ray's Electronics Inc.

Matter PR Docket 92-235

Please reply to Ray's Electronics

Attn. Scott Renz Fax. 1-419-898-0808

Thank You





